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# 32nd International Symposium on Lattice Field Theory (Lattice 2014)

## Monday 23 June 2014

### Hadron Structure: Parallel 1D - 301 Pupin (14:15-15:55)

- Conveners: Marinkovic, Marina

time	title	presenter
14:15	A new strategy for evaluating the LO HVP contribution to $(g-2)_\mu$ on the lattice	MALTMAN, Kim
14:35	The leading hadronic contribution to $(g-2)$ of the muon: The chiral behavior using the mixed representation method	FRANCIS, Anthony
14:55	The leading disconnected contribution to the anomalous magnetic moment of the muon	GUELPERS, Vera
15:15	The strange and charm quark contributions to the anomalous magnetic moment $(g-2)$ of the muon from current-current correlators	CHAKRABORTY, Bipasha
15:35	Lattice Calculation of the Hadronic Light by Light Contributions to the Muon Anomalous Magnetic Moment	JIN, Luchang

### Hadron Structure: Parallel 2D - 301 Pupin (16:30-17:30)

- Conveners: Detmold, Will

time	title	presenter
16:30	Decay constants of the pion and its excitations on the lattice	MASTROPAS, Ekaterina
16:50	Volume effects on the method of extracting form factors at zero momentum	TIBURZI, Brian
17:10	Pi N Sigma Term and Scalar Form Factor from Overlap Fermion	LIU, Keh-Fei

## Tuesday 24 June 2014

### Hadron Structure: Parallel 3D - 301 Pupin (14:15-15:55)

- Conveners: Orginos, Kostas

time	title	presenter
14:15	Initial nucleon structure results with chiral quarks at the physical point	SYRITSYN, Sergey
14:35	News from hadron structure calculations with twisted mass fermions	WIESE, Christian
14:55	Nucleon and pion structure in $n_f=2$ QCD	BALI, Gunnar
15:15	Hadron mass decomposition from Lattice QCD	YANG, yibo
15:35	Quark Spin in the Nucleon with Overlap Fermion	GONG, Ming

### Hadron Structure: Parallel 4D - 301 Pupin (16:30-18:10)

- Conveners: Liu, Keh-Fei

time	title	presenter
16:30	Calculation of disconnected contributions to nucleon form factors using hierarchical probing	MEINEL, Stefan
16:50	Results on the disconnected contributions for hadron structure	VAQUERO, Alejandro
17:10	Disconnected contribution to the nucleon charges from $N_f = 2+1+1$ lattice QCD	YOON, Boram
17:30	Strange quark momentum fraction from overlap fermion	SUN, Mingyang
17:50	Computing the nucleon sigma terms at the physical point	TORRERO, Christian

## Wednesday 25 June 2014

### **Hadron Structure: Parallel 6D - 301 Pupin (11:10-13:10)**

- Conveners: Meinel, Stefan

time	title	presenter
11:10	Suppression of excited-state effects in lattice determination of nucleon electromagnetic form factors	VON HIPPEL, Georg
11:30	Nucleon electromagnetic form factors from twisted mass lattice QCD	KOUTSOU, Giannis
11:50	Systematics analyses on nucleon isovector observables in 2+1-flavor dynamical domain-wall lattice QCD near physical mass	OHTA, Shigemi
12:10	Nucleon axial form factors from two-flavour Lattice QCD	JUNNARKAR, Parikshit
12:30	Axial and tensor charges of baryons using twisted mass fermions	ALEXANDROU, Constantia
12:50	Precision calculations of nucleon charges $g_A$ , $g_S$ and $g_T$	GUPTA, Rajan

# Thursday 26 June 2014

## **Hadron Structure: Parallel 7D - 301 Pupin (14:15-16:35)**

- **Conveners: Zanotti, James**

time	title	presenter
14:15	Electric polarizability of neutral hadrons from dynamical lattice QCD ensembles	LUJAN, Michael
14:35	Perturbative reweighting, dilution, and low mode substitution for sea quark contribution to the neutron polarizability	FREEMAN, Walter
14:55	Background field method and nonrelativistic QED matching	LEE, JONG-WAN
15:15	Vacuum alignment and lattice artifacts	GOLTERMAN, Maarten
15:35	Electromagnetic structure of charmed baryons in Lattice QCD	CAN, Kadir Utku
15:55	Radiative Physics on the Lattice using Distillation	SHULTZ, Christian
16:15	Electromagnetic matrix elements for excited Nucleons	OWEN, Benjamin

# Friday 27 June 2014

## **Hadron Structure: Parallel 8D - 301 Pupin (14:15-15:55)**

- Conveners: Maltman, Kim

time	title	presenter
14:15	Towards the physical point hadronic vacuum polarisation from Möbius DWF	MARINKOVIC, Marina
14:35	Leading-order hadronic contribution to $g_{\mu-2}$ from $N_f=2+1$ simulations down to the physical pion mass	MALAK, Rehan
14:55	A Study of the anomalous magnetic moment of the muon computed from the Adler function	HORCH, Hanno
15:15	Study of the couplings of QED and QCD from the Adler function	HERDOIZA, Gregorio
15:35	Towards the large volume limit - An application to hadronic contributions to muon $g-2$ and EM corrections	LEHNER, Christoph

## **Hadron Structure: Parallel 9D - 301 Pupin (16:30-18:30)**

- Conveners: Gupta, Rajan

time	title	presenter
16:30	A Feynman-Hellmann approach to the spin structure of hadrons	ZANOTTI, James
16:50	Glue Helicity $\Delta G$ In the Nucleon	SUFIAN, Raza
17:10	Nucleon transverse momentum-dependent parton distributions from domain wall fermion calculations at 297 MeV pion mass	ENGELHARDT, Michael
17:30	Nonperturbative renormalisation for low moments of light-meson distribution amplitudes	FLYNN, Jonathan
17:50	A framework for the calculation of the $\Delta N \gamma^*$ transition form factor on the lattice	RUSETSKY, Akaki
18:10	Signal/noise optimization strategies for stochastically estimated correlation functions	ENDRES, Michael G